



Patent Application
Attorney Docket No. PC25302A

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By _____

Kelly A. Smith
(Signature of person mailing)
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yasuhiro Katsu, et al. :

APPLICATION NO.: 10/667,182 : Examiner:

FILING DATE: September 17, 2003 : Group Art Unit: 1625

TITLE: N-SUBSTITUTED PIPERIDINYL-
IMIDAZOPYRIDINE COMPOUNDS AS 5-HT4
RECEPTOR MODULATORS

Hon. Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97 (b)

Applicant(s) herein make(s) available to the U.S. Patent and Trademark Office a copy of PTO-FB-A820 which lists the references cited by the applicant(s), copies of which are enclosed.

The Examiner is requested to consider carefully the complete text of these references in connection with the examination of the above-identified application in accord with 37 C.F.R. § 1.104(a).

It is requested that the references listed on the attached form PTO-FB-A820 be included in the "References Cited" portion of any patent issuing from this application (M.P.E.P. § 1302.12).

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A prompt and favorable response is earnestly solicited.

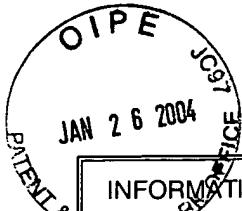
Respectfully submitted,

Date: January 22, 2004

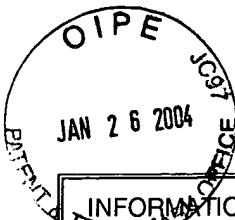
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#67315 v1 - PC25302A INFORMATION DISCLOSURE STATEMENT



INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>								ATTY. DOCKET NO. PC25302A			SERIAL NO. 10/667,182		
								APPLICANT Yasuhiro Katsu, et al.					
								FILING DATE September 17, 2003			GROUP 1625		
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	US	5	2	6	0	3	0	3	11/9/93	Becker, et al.	514/300		
	US	5	6	0	4	2	3	9	2/18/97	Becker, et al.	514/300		
	US	5	5	9	1	7	4	9	1/7/97	Becker, et al.	514/300		
	US	5	2	1	9	8	5	0	6/15/93	Becker, et al.	514/214		
	US	5	4	3	4	1	6	1	7/18/95	Becker, et al.	514/300		
	US	5	1	3	7	8	9	3	8/11/92	Becker, et al.	514/293		
	US	5	1	9	6	5	4	7	3/23/93	Becker, et al.	548/453		
FOREIGN PATENT DOCUMENTS													
DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
	WO	9	6	0	5	1	6	6	2/22/96	International			
	WO	9	2	1	5	5	9	3	9/17/92	International			
	EP	0	5	0	4	6	7	9	9/23/92	European			
	WO	9	4	0	8	9	9	8	4/28/94	International			
	JP	2001	0	0	6	8	7	7	1/12/01	Japanese (ABSTRACT IN ENGLISH)			x
	WO	0	1	0	5	7	6	3	1/25/01	International			
	WO	9	9	5	0	2	4	7	10/7/99	International			
	WO	9	7	2	7	8	5	2	8/7/97	International			
	WO	9	7	3	8	6	6	5	10/23/97	International			
	EP	0	2	7	4	8	6	7	7/20/88	European			
	JP	H01	2	5	8	6	7	4	10/16/89	Japanese (ABSTRACT IN ENGLISH)			x
	JP	H02	6	4	3	2	7	4	10/16/89	Japanese (ABSTRACT IN ENGLISH)			x



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OTHER DOCUMENTS (<i>Including Author, Title, Date, Pertinent Pages, Etc.</i>)				
		Dumuis, et al., "A 5-HT receptor in the central nervous system, positively coupled with adenylate cyclase, is antagonized by ICS 205 930", <i>European Journal of Pharmacology</i> , 146 (1988), 187-188		
		Dumuis, et al., "The gastrointestinal prokinetic benzamide derivatives are agonists at the non-classical 5-HT receptor (5-HT ₄) positively coupled to adenylate cyclase in neurons", <i>Naunyn-Schmiedeberg's Arch. Pharmacol.</i> (1989) 340: 403- 410		
		Bockaert, et al., "The 5-HT ₄ receptor: a place in the sun", <i>TiPs</i> , 1992, 13, 141-145		
		Ford, A.P.D.W., et al., "The 5-HT ₄ Receptor", <i>Med. Res. Rev.</i> , 1993, 13, 633-662		
		Gullikson, G.W., et al., "Gastrointestinal Motility Responses to the S and R Enantiomers of Zocapride, a 5-HT ₄ Agonist and 5-HT3 Antagonist", <i>Drug Dev. Res.</i> , 1992, 26, 405-417		
		Eglen, et al., "Central 5-HT ₄ receptors", <i>TiPs</i> , 1995, 16, 391-398		
		Bockaert, Jr., et al., "5-HT ₄ Receptors Potential Therapeutic Implications in Neurology and Psychiatry", <i>CNS Drugs</i> , 1, 6-14 (1994)		
		Romanelli, M.N., et al., "Synthesis and Biological Activity of a Series of Aryl Tropanyl Esters and Amides Chemically Related to 1H-Indole-3-carboxylic Acid endo 8-Methyl-8-azabicyclo[3.2.1]oct-3-yl Ester" <i>Arzneimittel Forschung Drug Research</i> , 1993, 43(II), 913-918		
		Kaumann, A., et al., .. "A 5-HT ₄ -like receptor in human right atrium", <i>Naunyn-Schmiedeberg's Arc. Pharmacol.</i> (1991), 344, 150-159		
		Finlayson, K., et al., "[³ H]Dofetilide binding to HERG transfected membranes: a potential high throughput preclinical screen", <i>European Journal of Pharmacology</i> , 430, (2001), 147-148		
		Mutterer, et al., "Halogenierte Pyridine V. Fluorierte und bromierte Pyridinverbindungen", <i>Helv. Chim. Acta</i> , (1976), 59, 229-235		
		Barlow, et al., "Diels-Alder reactions of trochloro-1,2,4-triazine: intramolecular additions with 1,5 and 1,6 dienes", <i>J. Chem. Soc., Perkin Trans. I</i> , (1996), 519-524		
		Lantos, et al., "Novel Cage Compounds from Inter-intra-molecular Diels-Alder Reactions of 1,2,4-Triazines with Cyclo-octa-1,5-diene", <i>J. Chem. Soc., Chem. Commun.</i> (1998), 1482-1483		
		Feibush, et al., "Chiral Separation of Heterocyclic Drugs by HPLC: Solute-Stationary Phase Base-Pair Interactions", <i>J. Am. Chem. Soc.</i> , (1986), 108(12), 3310-3318		
		G.S. Baxter, et al., "5-Hydroxytryptamine ₄ receptors mediate relaxation of the rat oesophageal tunica muscularis mucosae", <i>Naunyn-Schmiedeberg's Arch. Pharmacol.</i> , (1991), 343, 439-446		
		Yukiko Mine, et al, "Comparison of Effect of Mosapride Citrate and Existing 5-HT ₄ Receptor Agonists on Gastrointestinal Motility <i>In Vivo</i> and <i>In Vitro</i> ", <i>JPET</i> , (1997) 283: 1000-1008		
		Reeves, J.J., et al., "Investigation into the 5-hydroxytryptamine receptor mediating smooth muscle relaxation in the rat oesophagus", <i>British Journal of Pharmacology</i> , (1991) 103: 1067-1072		
		Z. Zhou, et al., "Properties of HERG Channels Stably Expressed in HEK 293 Cells Studied at Physiological Temperature", <i>Biophysical Journal</i> , 74, 230-241		
		M.C. Coldwell, et al., "The Synthesis and Dopamine D ₂ and Serotonin 5-HT ₃ Receptor Affinity of 3-Aza Analogues (Pyridyl) of 4-Amino-5-chloro-2-methoxybenzamides", <i>Biorg. Med. Chem. Lett.</i> , Vol. 5, No. 1, 39-42 (1995)		
		D. Subhas Bose, et al., "Boron Trifluoride Promoted Cleavage of Benzyl Carbamates", <i>Tetrahedron Lett.</i> , Vol. 31, No. 47, 6903-6906, 1990		



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			Prugh, et al., "A Simple Method of Protecting a Secondary Amine with tert Butyloxycarbonyl (BOC) in the Presence of a Primary Amine, <i>Synth. Commun.</i> , 1992, 22, 2357-60	
			G. Bertram, et al., "Total Synthesis of (+)-Strobilurin E", <i>Tetrahedron Lett.</i> , Vol. 37, No. 44, 7955-7958, 1996	
			W.C. Lumma, Jr., et al., "Condensation of Unsymmetrical Aliphatic Ketones with Formaldehyde in Trifluoroacetic Acid", <i>J. Org. Chem.</i> , Vol. 35, No. 7, 1970, 2391-2393	
			A. Otha, et al., "Stereoselective Synthesis of Spicy Components in Peppers", <i>Heterocycles</i> , 1991, Vol. 32, 965-73	
			B.G. Hazra, et al., "An Improved Procedure for the Dichloroacetylation of Primary and Secondary Amines", <i>Org. Prep. Proced. Int.</i> , 1989, 21, 355-358	
			G. Mattalia, et al., "Synthesis of New Derivatives of the 4,5-Diphenyloxazole Series", <i>Il Farmaco, Ed. Sci.</i> , 1976, 31, 457-67	
			Lopez-Rodriguez, et al., "Benzimidazole Derivatives. Part 1: Synthesis and Structure-Activity Relationships of New Benzimidazole-4-carboxamides and Carboxylates as Potent and Selective 5-HT ₄ Receptor Antagonists", <i>Bioorganic & Medicinal Chemistry</i> , 7 (1999), 2271-2281	
			Katz, J., et al., "Action des isopropyl-9 et tertiotbutyl-9 bora-9 bicyclo (3.3.1)nonanes sur quelques cétones α-bromées. Synthèse de cétones substituées", <i>Bull. Soc. Chim. Fr.</i> , 1977, 683-687	
			Chem. Abstr., 1963, 58, 5570f	
EXAMINER			DATE CONSIDERED	
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>				

Conforms with FORM PTO-FB-A820

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